

## **Mini-symposium AIMETA 2019**

### **Vehicle dynamics** ***Dinamica del veicolo***

Organisers

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The proposed session aims to present and discuss recent state-of-the-art contributions in the field of vehicle dynamics. Specific topics of interest include, but are not limited to, the following:

- torque vectoring control for electric vehicles with multiple motors (e.g. yaw rate control, sideslip angle control)
- vehicle parameter estimation using observers (e.g. Kalman filters) or neural networks
- maps of achievable performance
- vehicle understeer/oversteer analysis
- identification of Pacejka magic formula coefficients based on experimental data
- motorcycle dynamics
- driver models
- performance indicators
- autonomous vehicles